

**AMENDMENTS TO THE CLAIMS**

Please amend the claims as follows.

1. (Currently Amended) A processing method for data exchanged between a portable object and an interface device, the portable object being of ~~[[the]]~~ a chip card or chip key type, ~~characterized in that~~ wherein the method comprises a protocol detection mode implemented within and by the portable object, comprising in which the following steps are planned:
  - a) receiving ~~After transmission of a response upon turning on the portable object,~~ an initial signal ~~is received~~ from the interface device, wherein the initial signal is received after transmission of a response upon turning on the portable object;
  - b) sampling ~~In the portable object,~~ said initial signal ~~is sampled~~ according to at least one of ~~[[the]]~~ a first speed and a second speed~~[[s]]~~ associated with ~~[[the]]~~ a first protocol and a second respective protocol~~[[s]]~~ in the portable object;
  - c) comparing, ~~[[I]]~~in the portable object, at least one sample of a resulting sampling signal ~~is compared~~ to at least one key protocol condition ~~proper~~ corresponding to one of the first protocol and the second protocol~~[[s]]~~; and
  - d) processing data exchanged according to one of the first protocol and the second protocol ~~According to based on a~~ ~~[[the]]~~ result of the comparison, ~~the data exchanged according to one of the first or second communication protocols is processed~~ in the portable object.
2. (Currently Amended) The method according to claim 1, ~~characterized in that~~ wherein step b) consists of sampling said ~~[[the]]~~ initial signal according to the first speed or the second speed, wherein the first speed corresponds to the first protocol and the second speed corresponds to the second protocol ~~corresponding respectively to the first and second protocols~~, and wherein that step c) consists of comparing the at least one sample ~~[[from]]~~ of the resulting sampling signal to ~~[[a]]~~ the key protocol condition ~~[[proper]]~~ according to the first protocol, second protocol respectively, ~~in case of if the comparison is a positive comparison, and according to the second protocol, first protocol respectively, in case of if the comparison is a negative comparison.~~

3. (Currently Amended) The method according to claim 1 ~~any one of the previous claims, characterized in that~~ wherein the key protocol condition ~~proper~~ corresponding to the first protocol relates to the parity of ~~[[the]]~~ a first bit of ~~[[the]]~~ a first character of the first protocol.
4. (Currently Amended) The method according to claim 1, ~~characterized in that~~ wherein the ~~second protocol~~ key protocol condition corresponding to the second protocol relates to ~~[[the]]~~ a value of ~~[[the]]~~ a most significant bit of ~~[[the]]~~ a first character of the second protocol.
5. (Currently Amended) The method according to claim 1, ~~characterized in that~~ wherein ~~[[the]]~~ an elementary time unit of the first speed is equal to  $372/\text{if}$ , where “if” is ~~[[the]]~~ a frequency provided by the interface device during the response ~~[[to]]~~ when the portable object ~~being is~~ turned on.
6. (Currently Amended) The method according to claim 1, ~~characterized in that~~ wherein ~~[[the]]~~ an elementary time unit of the second ~~first~~ speed is equal to  $396/\text{if}$ , where “if” is the frequency provided by the interface device during the response ~~[[to]]~~ when the portable object ~~being is~~ turned on.
7. (Currently Amended) The method according to claim 1 ~~any one of the previous claims, characterized in that~~ wherein the portable object is ~~[[a]]~~ the chip card implementing both a protocol in conformance with ISO standard 7816-3 and a SYSTER (registered trademark) digital television protocol.
8. (Currently Amended) A portable object able to exchange data with an interface device, wherein the portable object ~~being of the~~ is a chip card or a chip key type, ~~characterized in that~~ and the portable object comprises means for processing configured ~~able, after transmission of a response to the portable object being turned on, to:~~
  - receive ~~from the interface device~~ an initial signal from the interface device; ~~[[to]]~~
  - sample said initial signal according to at least one of ~~[[the]]~~ a first speed associated with a first protocol and a second speed~~[[s]]~~ associated with ~~the first and a second~~ respective protocol~~[[s, to]]~~;

compare at least one ~~respective~~ sample of said initial signal ~~thus sampled according to at least the first and second speeds to at least the a~~ key protocol conditions ~~proper corresponding to the first and second protocols respectively;~~ and ~~according to the result of the comparison, to process [[the]] data [[thus]] exchanged according to one of the first or the second communication protocols based on a result of the comparison.~~

9. (Currently Amended) The portable object according to claim 8, ~~characterized in that wherein~~ the key protocol condition proper corresponding to the first protocol relates to the parity of ~~[[the]] a first bit of [[the]] a first character sampled at the speed in conformance with the standard of the first protocol.~~
10. (Currently Amended) The portable object according to claim 8, ~~characterized in that wherein~~ the key ~~condition proper to the second protocol~~ condition corresponding to the second protocol relates to ~~[[the]] a value of [[the]] a most significant bit of [[the]] a first character read at the non-conforming speed of the second protocol.~~
11. (Currently Amended) The portable object according to claim 8, ~~characterized in that wherein~~ ~~[[the]] an elementary time unit of the first speed in[[s]] equal to 372/if, where "if" is [[the]] a frequency provided by the interface device during the response [[to]] when the portable object being is turned on.~~
12. (Currently Amended) The portable object according to claim 8, ~~characterized in that wherein~~ ~~[[the]] an elementary time unit of the second first speed is equal to 396/if, where "if" is the frequency provided by the interface device during the response [[to]] when the portable object being is turned on.~~
13. (Currently Amended) The portable object according to ~~any one of claim[[s]] 8 to 12,~~ ~~characterized in that wherein~~ the portable object is ~~[[a]] the~~ chip card implementing both a protocol in conformance with ISO standard 7816-3 and a ~~SYSTER (registered trademark)~~ digital television protocol.
14. (Currently Amended) A computer program stored on an information support, said program comprising instructions allowing the implementation of a processing method, comprising:

~~according to any one of claims 1 to 7, when this program is loaded and executed by a computer system.~~

receiving an initial signal from the interface device, wherein the initial signal is received after transmission of a response upon turning on the portable object;  
sampling said initial signal according to at least one of a first speed and a second speed associated with a first protocol and a second protocol in the portable object;  
comparing, in the portable object, at least one sample of a resulting sampling signal to at least one key protocol condition corresponding to one of the first protocol and the second protocol; and  
processing data exchanged according to one of the first protocol and the second protocol based on the result of the comparison in the portable object.